Wellcome Trust Strategic Award (WTSA) for Medical Mycology and Fungal Immunology (MMFI) Symposium
The Drawing Room, Cadbury House, Congresbury, Bristol, 20th March 2018

14.00 – 14.05
Welcome and Introduction
Professor Neil Gow, WTSA MMFI Director

SESSION 1 – Chair: Dr Simon Johnston

14.05 – 14.15
Fernanda Alonso
Temporal and behavioural differences in phagocytosis of pathogenic fungi by peritoneal macrophages

14.15 – 14.25
Dhara Malavia
Zinc limitation induces a hyper-adherent Goliath phenotype in Candida albicans

14.25 – 14.35
Nessim Kichik
Structure-function analysis of Candidalysin, a recently discovered fungal toxin

14.35 – 14.45
Neil Stone
Aneuploidy as a driver for fluconazole heteroresistance in clinical cryptococcal meningitis

14.45 – 14.55
Pizga Kumwenda
Exploring the effects of oestrogen on Candida albicans and its subsequent impact on antifungal immunity

14.55 – 15.05
Ivy Dambuza
C-type lectin receptors orchestrate anti-fungal immunity in the GI-tract

15.05 – 15.15
Herbert Itabangi
A bacterial endosymbiont enables fungal immune evasion during fatal mucormycosis infection

15.15 – 15.40
Tea/Coffee

SESSION 2 – Chair: Professor Janet Quinn

15.40 – 15.50
Lucian Duvenage
Linking mitochondrial function to cell wall organisation and virulence in Candida albicans
15.50 – 16.00  
Amelia Bercusson  
Defining the impact of CFTR ion channel dysfunction on macrophage responses to *Aspergillus fumigatus*

16.00 – 16.10  
Jeanette Wagener  
*Candida albicans* chitin increases arginase-1 activity in human macrophages with an impact on macrophage antimicrobial functions

16.10 – 16.20  
Adilia Warris (on behalf of Jill King)  
*Aspergillus nidulans* and chronic granulomatous disease: exploring a unique interaction

16.20 – 16.30  
Angela Lopez  
Role of Cst20 and Ptk2 kinases in the regulation of hyphal steering in *Candida albicans*

16.30 – 17.00  
Post PhD opportunities for international students  
Alexina Weekes, Wellcome Trust

**SESSION 3 – Chair: Professor Robin May**

17.00 – 17.10  
Elaine Bignell (on behalf of Joy Icheoku)  
Molecular basis of invasive growth during mould infection of the lung

17.10 – 17.20  
Beatrice Achan  
The role of *Candida albicans* oxidative stress responses in triggering filament formation and macrophage escape following phagocytosis

17.20 – 17.30  
Ranjith Rajendran  
*Candida* biofilm heterogeneity: metabolic adaptation plays a key role in biofilm phenotype

17.30 – 17.40  
Alfred Kamuyango  
Stimulation of innate immunity leads to clearance of *C. neoformans* infection in zebrafish

17.40 – 17.50  
Dora Corzo Leon  
*Ex-vivo* human skin as a model to study fungal infection

17.50 – 18.00  
Lauren Ames  
Investigating novel factors underlying oxidative stress resistance in the pathogenic yeast *Candida glabrata*

18.00  
Closing Remarks  
Professor Tom Patterson, Chair ISAB, WTSA MMFI

19.00  
Symposium Dinner  
The Drawing Room